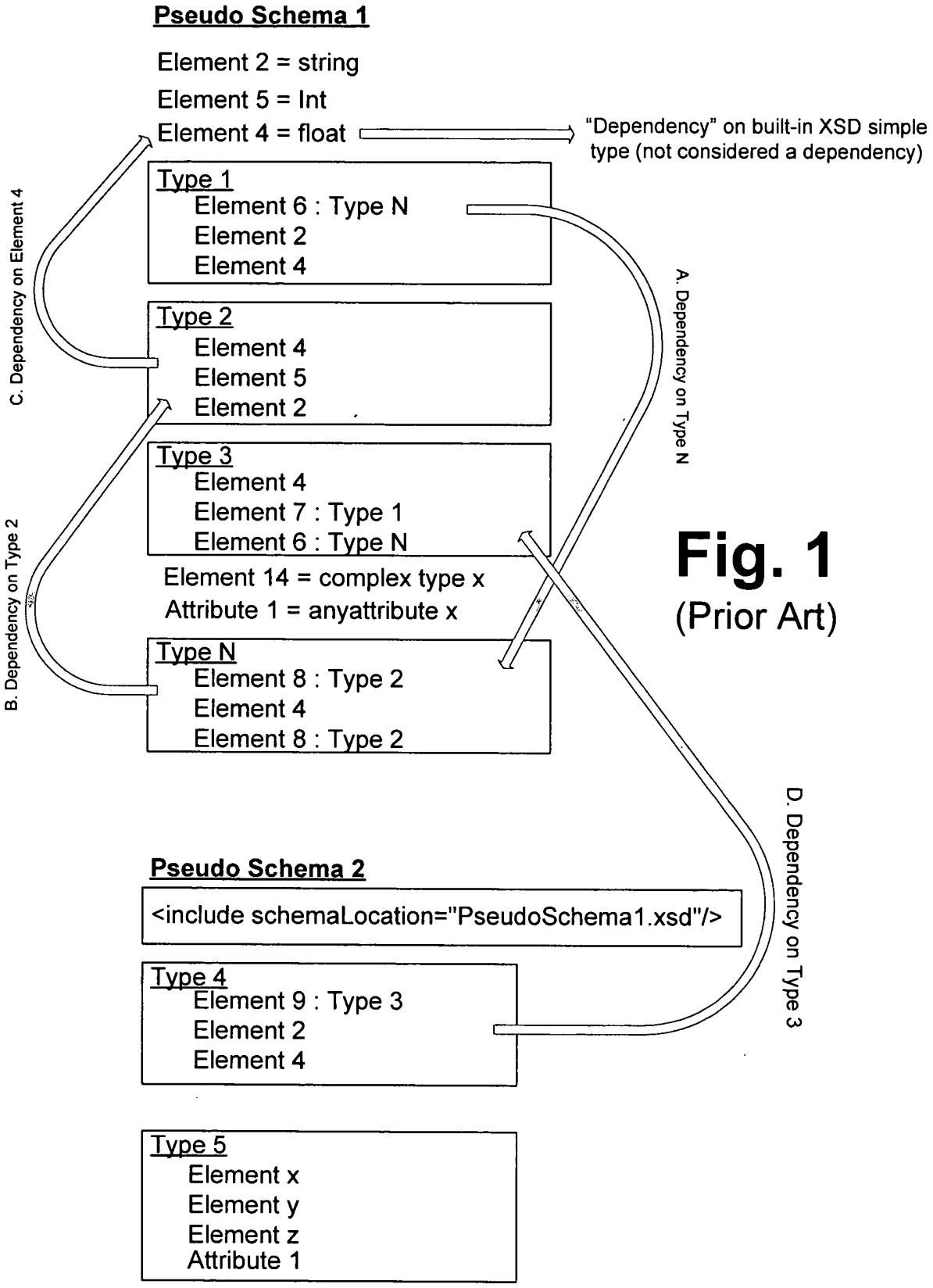


Fig. 1
(Prior Art)

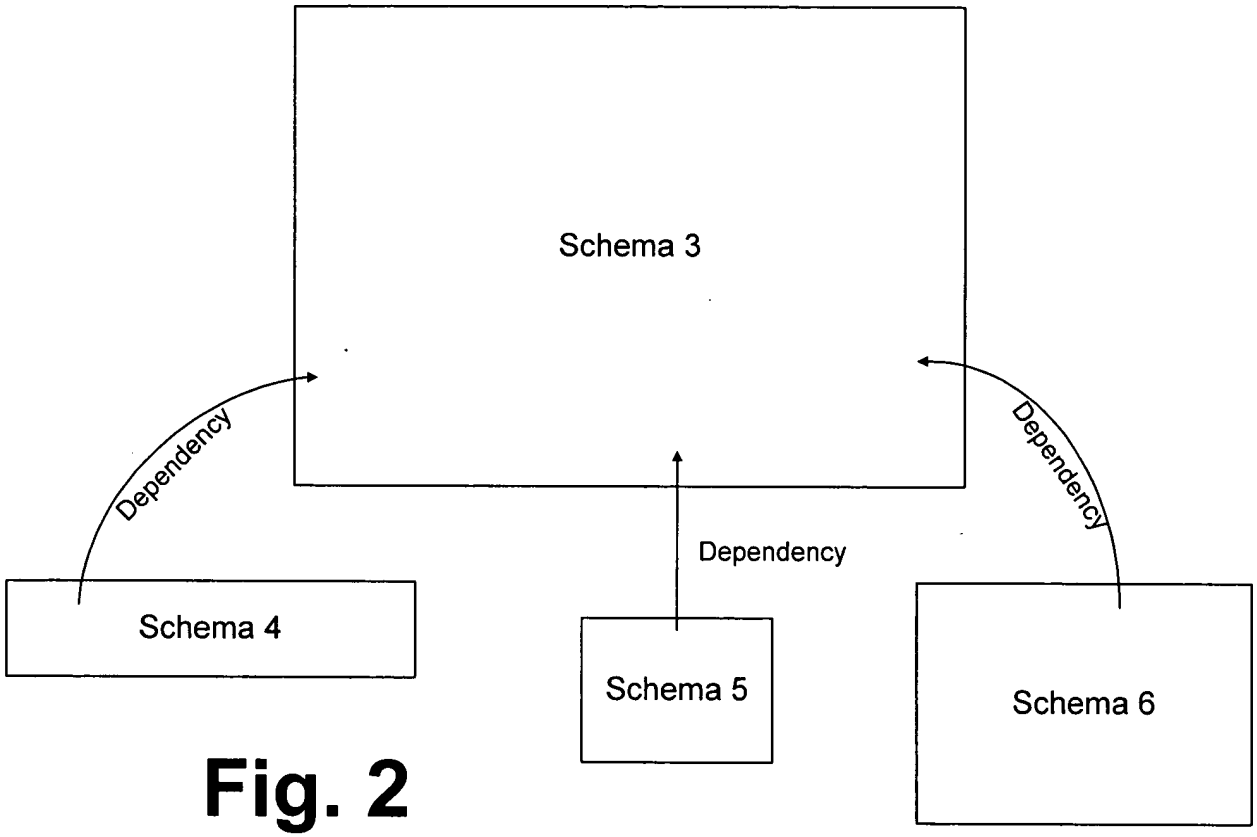


Fig. 2
(Prior Art)

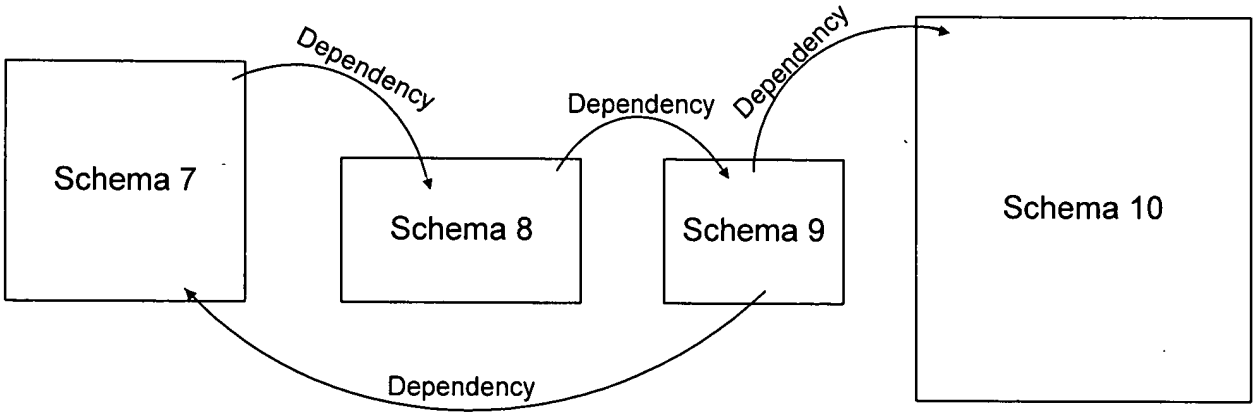


Fig. 3
(Prior Art)

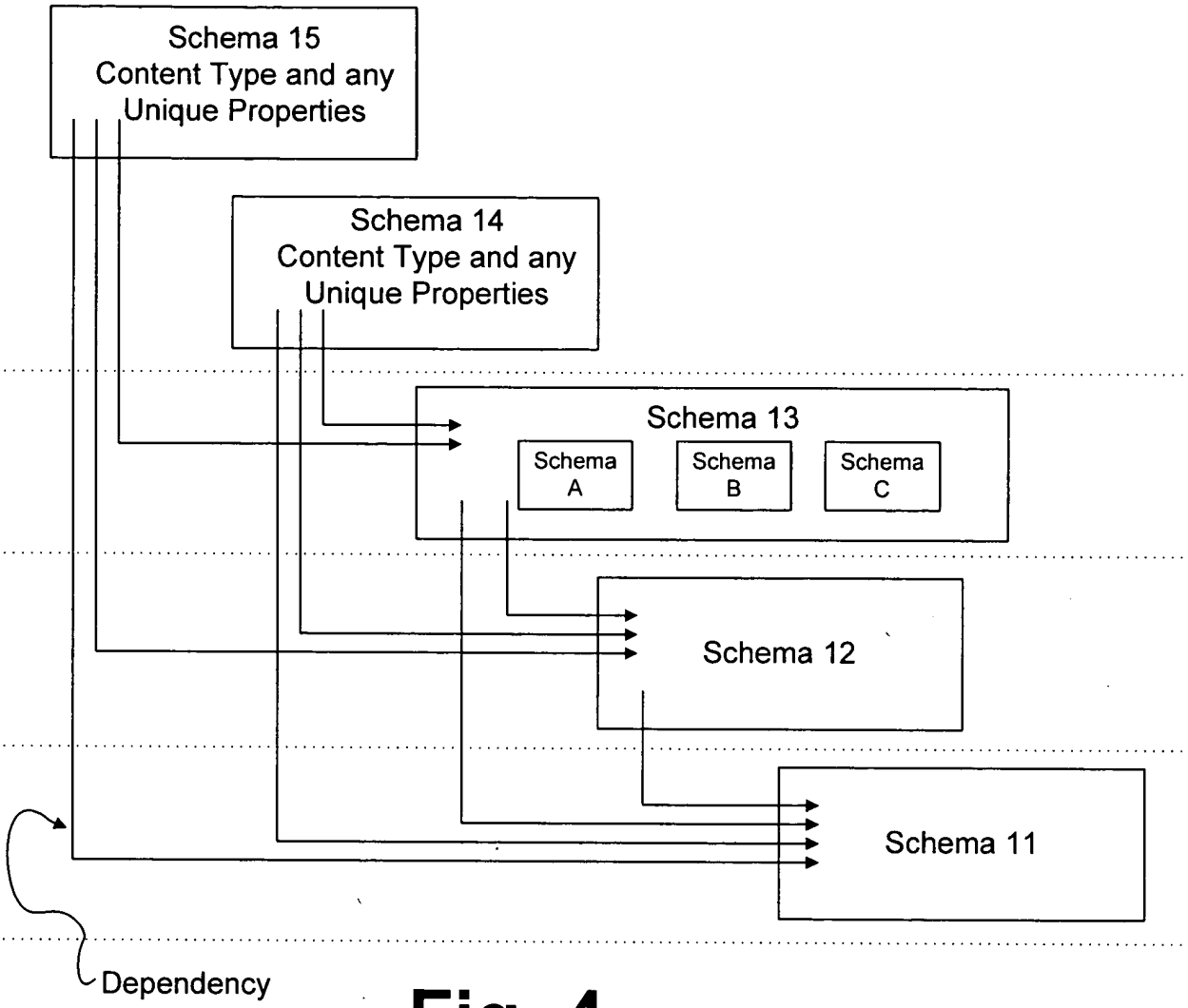

Schema 15
Content Type and any
Unique Properties
Schema 14
Content Type and any
Unique Properties
Schema 13
Schema
A
Schema
B
Schema
C
Schema 12
Schema 11
Dependency

Fig. 4

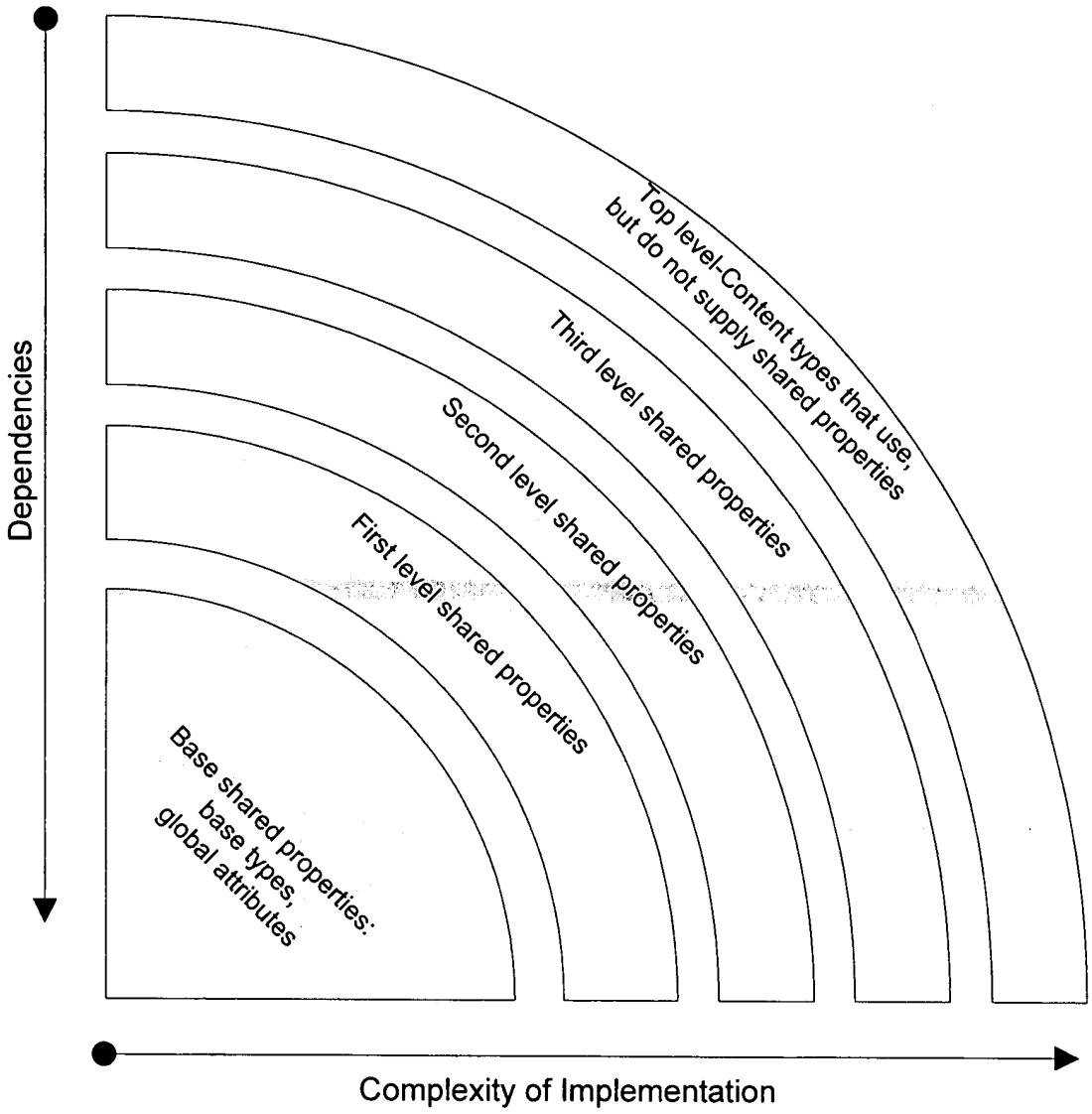

Dependencies
Top level-Content types that use, but do not supply shared properties
Third level shared properties
Second level shared properties
First level shared properties
Base shared properties: base types, global attributes
Complexity of Implementation

Fig. 5

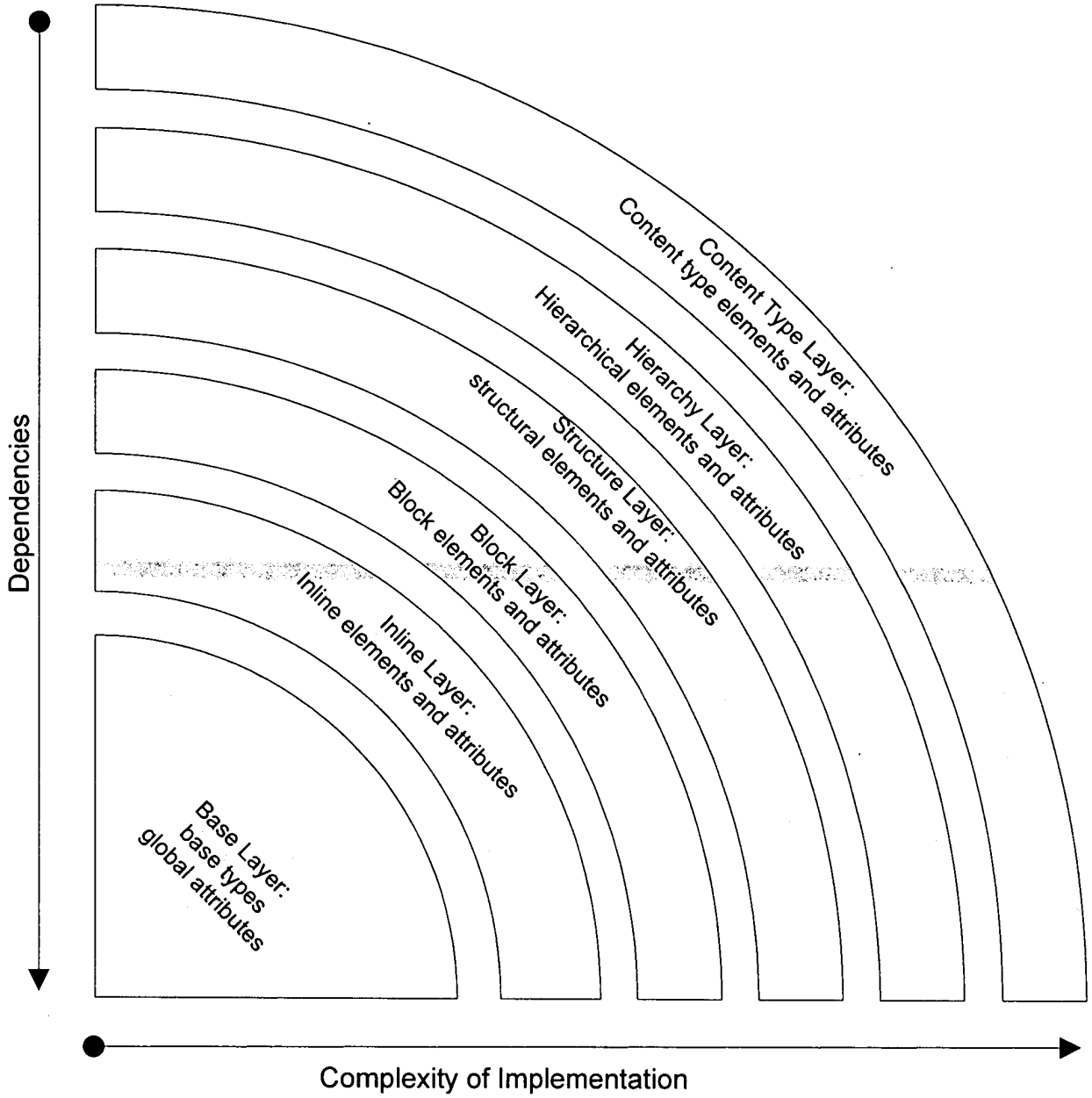

Content Type Layer:
Content type elements and attributes
Hierarchy Layer:
Hierarchical elements and attributes
Structure Layer:
structural elements and attributes
Block Layer:
Block elements and attributes
Inline Layer:
Inline elements and attributes
Base Layer:
base types
global attributes
Dependencies
Complexity of Implementation

Fig. 6

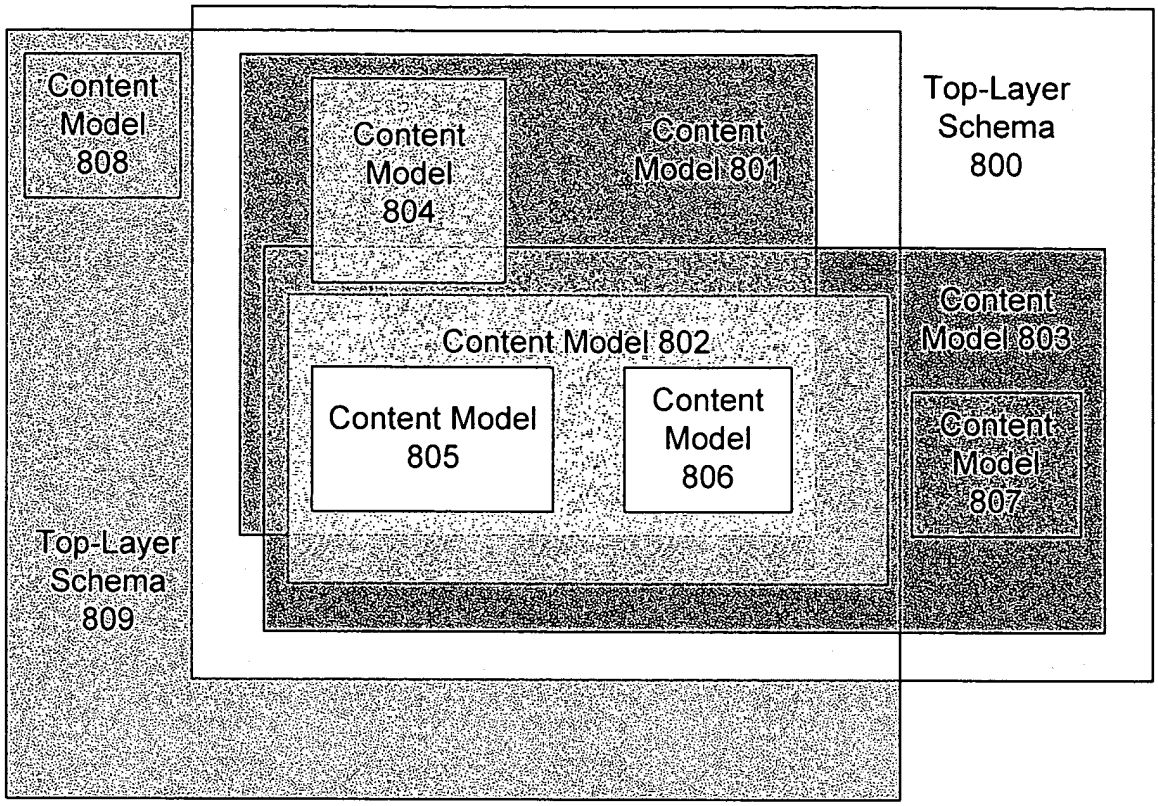


Fig. 7

Top Layer: Properties Specific to Schema 809, Content Model 808

Top Layer: Properties Specific to Schema 800

Intermediate Layer: Properties in Content Models 801, 803, 807

Intermediate Layer: Properties in Content Models 802, 804

Base Layer: Properties in Content Models 805, 806

Fig. 8

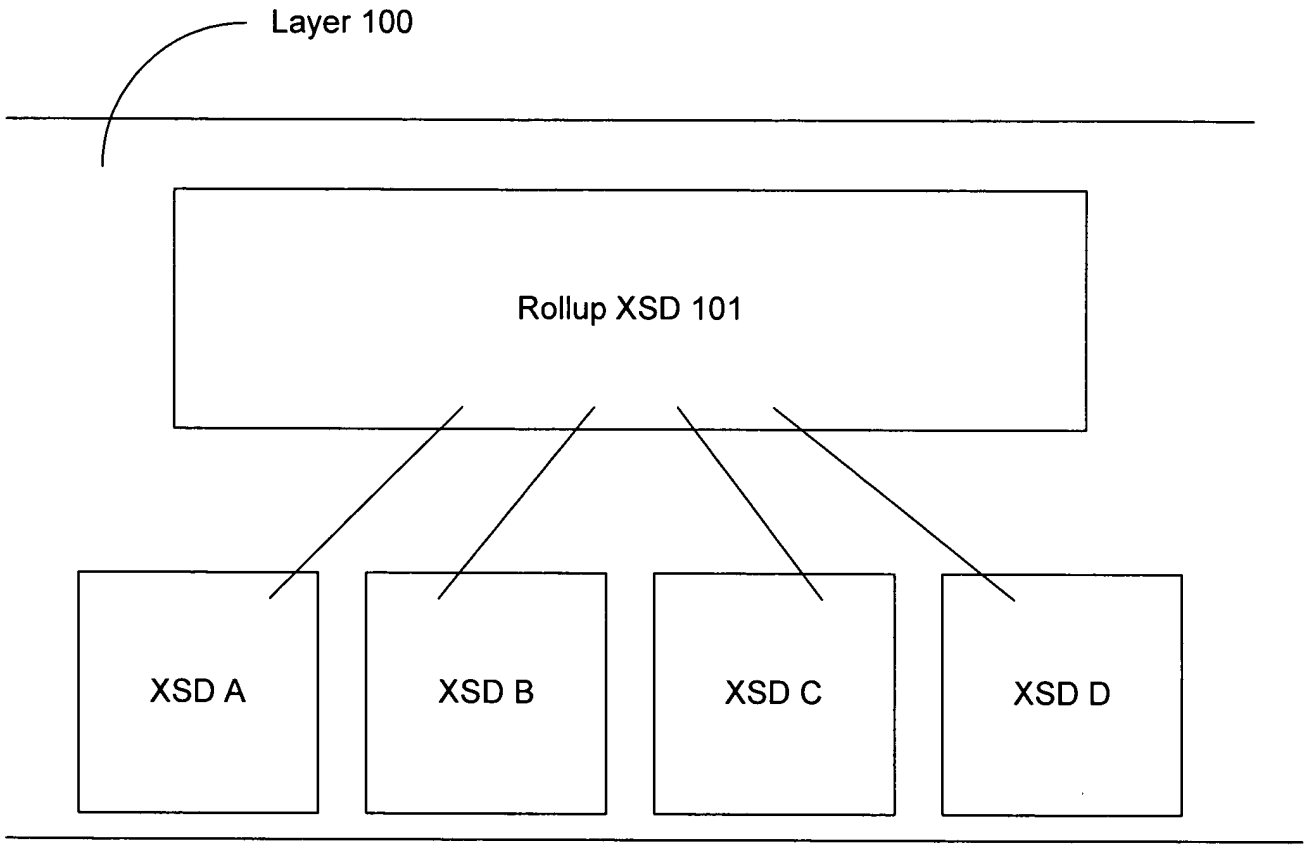


Fig. 9